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Derwent Title: Continuous production of Diels-Alder reaction product such as norbornene, ethylidene norbornene, comprises reacting cyclopentadiene derivative and alpha-olefin continuously excluding presence of a gaseous phase [Derwent Record]

Country: JP Japan

Kind: A2 Document Laid open to Public inspection

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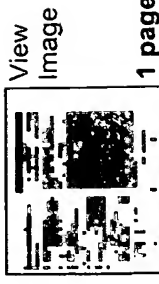
Published / Filed: 2001-12-18 / 2000-06-07

Application Number: JP20000000170317

IPC Code: C07C 2/42; C07C 13/64;

Priority Number: 2000-06-07 JP20000000170317

Abstract: PROBLEM TO BE SOLVED: To provide a method for the Diels-Alder reaction in which stable operation can be carried out over a long period and the effective conversion rate of ethylene can be improved to prevent a side reaction and deposition such as polymers.

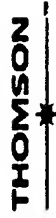
SOLUTION: This method for producing a Diels-Alder reaction product is characterized by carrying out the reaction by continuously feeding a cyclopentadiene derivative, an α -olefin, norbornene, etc.,

to a reactional zone and heating the cyclopentadiene derivative, etc., while taking out the reactional fluid from the reactional zone upward under conditions of a substantially absent vapor phase.

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